

What Is Claimed Is:

*Sub A2* ~~1. A television tuner comprising:~~

~~an input terminal through which UHF band or VHF band television signals are inputted;~~

~~a UHF tuner which receives the UHF band television signals; and~~

~~a VHF tuner which is provided together with the UHF tuner and receives at least the VHF band television signals,~~

~~the UHF tuner comprising:~~

~~a UHF tuning circuit having a varactor diode and first and second inductance elements serially interconnected and connected in parallel with the varactor diode, where the varactor diode varies a tuning frequency within a prescribed frequency range in the UHF band; and~~

~~impedance means serially inserted between the input terminal and the junction of the two inductance elements, where the impedance by the impedance means increases as a frequency increases in the prescribed frequency range.~~

2. The television tuner according to Claim 1, wherein the impedance means consists of a series resonance circuit composed of a third inductance element and a capacitance element, where a resonance frequency of the series resonance circuit is set to below the minimum

frequency in the prescribed frequency range.

3. The television tuner according to Claim 2, wherein a diode is serially inserted in the impedance means and the diode is turned on when UHF band television signals are received, while it is turned off when VHF band television signals are received.

4. The television tuner according to Claim 3, wherein one end of the first inductance element is grounded and a resonance frequency of the series circuit composed of the diode in the off state, the series resonance circuit and the first inductance element is set to within the UHF band.

5. The television tuner according to Claim 3, wherein a band switching circuit is provided to generate UHF selection voltage and VHF selection voltage which activate or inactivate the UHF tuner and VHF tuner, respectively, and the UHF selection voltage is applied to the anode of the diode and the VHF selection voltage is applied to its cathode.